

# ApexSQL<sup>®</sup> Search 2021.x

## Release Notes

These release notes provide information about the ApexSQL<sup>®</sup> Search 2021.x which is a major release.

Topics:

- About ApexSQL Search
- New features
- Getting Started
- System requirements
- Supported platforms
- Product licensing
- Release History
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## About ApexSQL Search

ApexSQL Search is a SQL Server Management Studio and Visual Studio add-in, for SQL object and data text search, managing extend properties, rename objects without breaking dependencies.

## New Features

This version of ApexSQL Search introduces the following new features, enhancements or deprecations:

**Changes:**

- The application is now part of the ApexSQL Fundamentals Toolkit for SQL Server bundle and requires activation.

# Getting Started

- For further information about installation and getting started, please check the [Quest Knowledge Base](#) or [ApexSQL Getting Started](#).

## System requirements

Before installing or upgrading Short Product Name Version, ensure that your system meets the following minimum hardware and software requirements.

<b>Hardware</b>	Dual Core 2.0 GHz CPU 4 GB memory 95 MB disk space
<b>SQL Server</b>	SQL Server 2005 and higher <sup>[1]</sup> Azure SQL Database <sup>[1]</sup> Amazon RDS for SQL Server <sup>[1]</sup>
<b>Add-in integration</b>	SQL Server Management Studio 2012 and higher <sup>[2]</sup> Visual Studio 2010 and higher <sup>[1]</sup>
<b>OS</b>	Windows 7 SP1/Windows Server 2008 R2 SP1 and higher <sup>[1]</sup>
<b>Software</b>	<a href="#">.NET Framework 4.7.2</a> or higher
<b>Permissions and additional requirements</b>	Windows user account with administrative privileges  See <a href="#">Minimum permissions required to install and use ApexSQL products</a>  See <a href="#">Minimum SQL Server permissions for ApexSQL Developer tools</a>  See <a href="#">Remote access for SQL Server instance</a>

<sup>[1]</sup> See [Supported systems](#) for exact version support

<sup>[2]</sup> You can use the latest full-featured backwards compatible SQL Server Management Studio for free. [Click here](#)

## Supported platforms

Windows version				
Windows 7 SP1 & Windows Server 2008 R2 SP1	Windows Server 2012	Windows 8.1 & Windows Server 2012 R2	Windows 10 & Windows Server 2016	Windows Server 2019
✓	✓	✓	✓	✓

SQL Server version <sup>[4]</sup>									
	2005	2008	2012	2014	2016	2017		2019 CTP 3	
						Windows	Linux <sup>[3]</sup>	Windows	Linux <sup>[3]</sup>
ApexSQL Search	✓	✓	✓	✓	✓	✓	✓	✓	✓

SQL Server edition <sup>[4]</sup>						
				Azure SQL Database		Amazon RDS for SQL Server
	Express	Standard	Enterprise	Single Database, Elastic Pool	Managed Instance	

ApexSQL Search	✓	✓	✓	✓	✓	✓
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Visual Studio add-in integration						
	2010	2012	2013	2015	2017	2019
ApexSQL Search	✓	✓	✓	✓	✓	✓

SQL Server Management Studio add-in integration					
	2012	2014	2016	17	18
ApexSQL Search	✓	✓	✓	✓	✓

<sup>[3]</sup> Tested on Ubuntu 16.04

<sup>[4]</sup> Including Amazon EC2, Google Compute Engine, and Azure Virtual Machine cloud computing SQL Server instances.

## Product licensing

ApexSQL offers 2 types of licenses:

### 1. Individual license

For applications licensed per user, an individual license is for the use of a single user only. This means that only 1 user can use 1 license. If there are multiple users, multiple licenses are needed.

For applications licensed per instance, an individual license is to be used on a single SQL Server instance only. If there are multiple instances, multiple licenses are needed.

### 2. Enterprise license

An enterprise license can be activated on an unlimited number of instances and can be used by an unlimited number of users, without geographical limitations.

# Release History (release notes)

Release: 2021.01.0188

Date: November 02, 2020

## Changes:

- The application is now part of the ApexSQL Fundamentals Toolkit for SQL Server bundle and requires activation

Release: 2020.03.0178

Date: October 08, 2020

## Fixes:

- 188714: SQL Server Management Studio stops working when the Data search is initiated and then canceled by closing the Text search tab

Release: 2020.02.0173

Date: July 30, 2020

## Fixes:

- "Insufficient permissions to access master database" error is encountered when a connection to an Azure SQL Database is established with the Azure Active Directory - Universal with MFA authentication method and the Object search or Text search feature is used

## Changes:

- [Error handling and send logs functionality has been modified](#)

Release: 2020.01.0168

Date: May 28, 2020

## Enhancements:

- [Application telemetry now collects anonymous data on the use and performance of applications and application component](#)
- [ApexSQL Updater is added for configuring advanced updating settings of all installed ApexSQL products](#)
- Quick search bar is added in the Object preview window of the Object search dialog

Fixes:

- "Insufficient permissions to access master database" error is encountered when the Object search feature is used on the SQL Server 2008R2 version

Release: 2019.03.0153

Date: November 20, 2019

Fixes:

- The Safe rename feature does not work when one table has several foreign key relationships
- The Copy cell command from the right-click context menu in the Object search panel does not work
- The add-in toolbar stays after uninstall in SQL Server Management Studio 2012 and 2014
- "Exception has been thrown by the target of an invocation" error is encountered when the Navigate to the Object Explorer node command is used over a user defined function from the right-click context menu in the object search grid result

Release: 2019.02.0145

Date: September 19, 2019

Fixes:

- Object and Text search tabs are displayed empty within Visual Studio 2019, if the Optimize rendering for screens with different pixels densities option is enabled in the General node of the Options window
- Visual Studio 2019 stops working when a new query editor is opened
- Text search does not find any results, if the search word in the Search text box is more than 10 characters long on SQL Server 2016 and earlier
- The Exact match option under the Text search tab does not work on a database with the case sensitive collation
- SQL Server Management Studio stops working when the empty Text search grid is double-clicked
- The application does not integrate into Visual Studio 2017 Community version, even though it was selected during the installation process

Release: 2019.01.0139

Date: August 23, 2019

Enhancements:

- Search multiple databases simultaneously

Fixes:

- Text search filters set in the custom Values tab under the Select objects to search pane are omitted and the whole database is searched instead
- The add-in does not find all objects that exist in the database when an object with the same name is present in two schemas
- The add-in does not default to the active database when either Object or Text search is initiated
- Highlighted text cannot be copied to the clipboard from the object definition view of the object selected in the search
- Text search doesn't return any results of columns that have the money and smallmoney data types
- The text search does not find any results of the date column search
- When the search object body option is selected Synonyms should be searched by base object name
- Object search does not return any results of functions and schema search which had a similar name
- The Navigate to object explorer freezes SSMS/VS and does not find the Temporal table (History) in Object Explorer
- Object reference not set to an instance of an object error message appears when use the Options command from add-in main menu in Visual Studio 2019
- The context menu has a 3 seconds delay until is displayed when right-click is used on a trigger in Object Explorer

Known limitations:

- Object and Text search tabs are displayed empty within Visual Studio 2019 if the Optimize rendering for screens with different pixels densities option is enabled in the General node of the Options dialog

Release: 2018.09.0127  
Date: June 21, 2019

Changes:

- Software Transaction Agreement is added as a new step in the installation wizard and updated in accordance with <https://www.quest.com/legal/sta.aspx>

Release: 2018.09.0126  
Date: May 22, 2019

Fixes:

- The add-in doesn't integrate with SQL Server Management Studio 18 GA version if the host application was not started at least once

Release: 2018.08.0125  
Date: May 04, 2019

Fixes:

- The add-in doesn't integrate with SQL Server Management Studio 18 GA version

Release: 2018.07.0123

Date: February 04, 2019

Fixes:

- The "Connection is not established" message is shown when in Object explorer a SQL Server Analysis Services instance or SQL Server Reporting Services instance connection exist
- The application installer does not check if the .NET Framework 4.7.2 is installed on the operating system

Changes:

- ApexSQL parent menu of the add-in is now located under the Extensions main menu in Visual Studio 2019

Release: 2018.06.0120

Date: January 21, 2019

Enhancements:

- A toolbar is added to host application with three commands
  - The Object search command opens Object search dialog
  - The Text search command opens Text search dialog
  - The Safe rename command opens the dialog for renaming tables, procedures, views, functions and columns without breaking dependencies
- A toolbar is added to host application with three commands
- Object definition column in the results table of the Object search dialog is added
- Preview window in the results table of the Object search dialog is added

Fixes:

- Column filters in the search result table of the Text search dialog do not work properly
- Incorrect position of the Find button and missing option to check/uncheck all items in the Text search dialog when Windows DPI setting is set to 125% and above
- Missing Find button and option to check/uncheck all items in the Object search dialog when Windows DPI setting is set to 125% and above
- Safe rename script is opened within a new query editor tab which is disconnected from the server when the Create script command is used on an object
- Settings set in the custom Values tab does not apply to settings under the Select objects to search pane of the Text search dialog
- Table filters under the Select object to search pane of the Text search dialog do not work properly
- The Check for updates on startup option is not saved when unchecked and the host application is restarted

- The Object search dialog has multiple issues on high DPI and 4K resolution

Changes:

- The application now requires Microsoft .NET Framework 4.7.2

Release: 2018.05.0115  
Date: December 19, 2018

Enhancements:

- [Visual Studio 2019 integration support](#)

Fixes:

- "Error occurred in Safe rename functionality" error is encountered when the Safe rename command is clicked from either Object Explorer or add-in main menu
- The uninstall confirmation message box appears when the /verysilent option from CLI is used
- The add-in commands from the context menu under the Object Explorer pane appears when connection to SQL Server Analysis Services instance, SQL Server Reporting Services instance and SQL Server Integration Services instance is established
- "Search finished successfully. No matches were found for text" message is shown when search performed on contained database
- "Object reference not set an instance of an object" message is shown in the Database drop down box under the Text search window when listed an offline database

Release: 2018.04.0110  
Date: November 13, 2018

Fixes:

- SQL Server Management Studio stops working after connecting to a SQL Server Analysis Services instance
- SQL Server Management Studio stops working after connecting to a SQL Server Reporting Services instance
- The names of the hosts in the host integration step are cutoff on high DPI and 4K resolution
- The "The ApexSQL Search \_Inst Package" package has not loaded correctly "warning message appears when launching SQL Server Management Studio 18 preview

Release: 2018.03.0108  
Date: October 05, 2018

Enhancements:

- SQL Server 2019 CTP 2.0 support
- [SQL Server Management Studio 18 integration support](#)

Release: 2018.02.0105

Date: September 25, 2018

Enhancements:

- [New error handling and send logs functionality](#)
- [Improved application installer with a dark theme](#)
- [New application icon](#)

Fixes:

- The "Search finished successfully. No matches were found" message is shown when regular expression is used in the Filter row box of the Object search or Text search dialog

Release: 2018.01.0100

Date: July 19, 2018

Enhancements:

- Active Directory – Password authentication support
- [Applied concepts of Visual Language Dictionary for Visual Studio for iconography, imagery, colors, menus, fonts, formatting and other GUI elements](#)
- [Visual themes](#)
  - Light
  - Blue
  - Dark
- [High DPI and 4K resolution support](#)

Fixes:

- The Copy cell command in the context menu under the Text search grid does not copy correct data when the order of the column in the grid is changed
- SQL Server Management Studio stops working after connecting to a SQL Server Analysis Services instance
- The Safe rename dialog closes when the object from Azure SQL Database is renamed and the Preview or Create script button is pressed

Changes:

- Dependency viewer feature is discontinued
- The application now requires Microsoft .NET Framework 4.7.1

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Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Around the globe, more than 130,000 companies and 95% of the Fortune 500 count on Quest to deliver proactive management and monitoring for the next enterprise initiative, find the next solution for complex Microsoft challenges and stay ahead of the next threat. Quest Software. Where next meets now. For more information, visit [www.quest.com](http://www.quest.com).

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- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product.

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Attn: LEGAL Dept

4 Polaris Way

Aliso Viejo, CA 92656

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## Legend

 **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

 **IMPORTANT, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.